

DEPARTMENT OF THE AIR FORCE

COMMITTEE STAFF PROCUREMENT BACKUP BOOK FY 2001 BUDGET ESTIMATES FEBRUARY 2000



PROCUREMENT OF AMMUNITION

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OFFICE OF ORIGIN: DIRECTORATE OF SUPPLY
COMBAT SUPPORT DIVISION
(HQ USAF/ILSR)

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DEPARTMENT OF THE AIR FORCE
PROCUREMENT OF AMMUNITION APPROPRIATION ESTIMATES
FOR FISCAL YEAR 2001

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PROCUREMENT OF AMMUNITION, AF

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APPROPRIATION LANGUAGE

PROCUREMENT OF AMMUNITION, AIR FORCE

For construction, procurement, production, and modification of ammunition, and accessories therefor; specialized equipment and training devices; expansion of public and private plants, including ammunition facilities authorized by section 2854 of title 10, United States Code, and the land necessary therefor, for the foregoing purposes, and such lands and interest therein, may be acquired, and construction prosecuted thereon prior of approval to title; and procurement and installation of equipment, appliances, and machine tools in public and private plants; reserve plant and Government and contractor-owned equipment layaway; and other expenses necessary for the foregoing purposes; \$638,808,000, to remain available for obligation until September 30, 2003.

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)						DATE: FEBRUARY 2000	
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: ROCKETS (OVERVIEW)			
		FY1999	FY2000	FY2001	FY2002	FY2003	FY2004
QUANTITY							
COST (in Thousands)		\$8,067	\$9,054	\$11,466	\$18,919	\$11,047	\$11,904
Description:							
<p>1. The Air Force primarily uses rockets to mark target locations for other aircraft during combat and training operations. Rockets constitute the primary target marking munition used by forward air control aircraft, which launch this munition from reuseable pods carried on the aircraft's pylons. The 2.75-inch diameter rocket with folding fins utilizes high explosive, white phosphorus, or target practice warheads, and can be fired from either high or low speed aircraft. Three versions of the 2.75-inch rocket motor are in use: the MK 4, MK 40 and MK 66.</p> <p>2. FY99 funding was appropriated for the 2.75 Inch Rocket Motor (P-1 line number 2), 2.75 In Rocket, Flare IR (P-1 line number 3) and Items Less Than \$5,000,000, Rockets and Launchers (P-1 line number 4).</p> <p>3. Items requested in FY01 are identified on the following P-40A and are representative of items to be procured. Items procured during execution may change based on the most critical munitions/equipment needed to support Air Force mission requirements.</p>							
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BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P- 40A)						DATE: FEBRUARY 2000			
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: ROCKETS (OVERVIEW)					
PROCUREMENT ITEMS	ID CODE	FY1999		FY2000		FY2001			
		QTY.	COST	QTY.	COST	QTY.	COST		
2.75 INCH ROCKET MOTOR (HA07)				6,776	\$3,371	15,022	\$6,817	16,108	\$7,834
ITEMS LESS THAN \$5 MILLION					\$4,696		\$2,237		\$3,632
Totals:					\$8,067		\$9,054		\$11,466

Remarks:

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)		DATE: FEBRUARY 2000	
APPROP CODE/BA:		P-1 NOMENCLATURE:	
PAAF/MUNITIONS & RELATED EQUIPMENT		ROCKETS (2.75 INCH ROCKET MOTOR - HA07)	
		FY1999	FY2000
QUANTITY			
COST			
(in Thousands)	\$3,371	\$6,817	\$7,834
		\$17,000	\$9,876
			\$10,864
			\$10,836
<p>Description:</p> <p>1. The MK 66 MOD 4, 2.75 Inch Rocket Motor is a single stage, solid grained rocket motor used to propel various 2.75 inch warheads to their targets. The MK66 MOD 4 Rocket Motor offers the following technical enhancements over previous versions:</p> <ul style="list-style-type: none"> a. Complete electro-magnetic radiation, electro-static discharge, and electro-magnetic pulse protection on all U.S. aircraft under all operational conditions b. Ignition system interoperability on all U.S. military aircraft c. Reduced propellant grain cracking during ignition d. Reduced ignition delay variability e. Reduced operational safety requirements f. Significantly reduced visible flash on ignition g. Improved grounding circuit <p>2. This item is procured through the Single Manager for Conventional Ammunition.</p>			
P-1 ITEM NO:		PAGE NO:	
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WEAPON SYSTEM COST ANALYSIS (EXHIBIT P- 5)				DATE: FEBRUARY 2000									
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: ROCKETS (2.75 INCH ROCKET MOTOR - HA07)									
WEAPON SYSTEM COST ELEMENTS	IDENT CODE	FY1999			FY2000			FY2001					
		QTY	UNIT COST	TOTAL COST	QTY	UNIT COST	TOTAL COST	QTY	UNIT COST	TOTAL COST			
COMPLETE ROUND	A				6,776	473.32	3,207	15,022	436.05	6,550	16,108	466.12	7,508
PRODUCTION SUPPORT							{164}						{326}
PRODUCTION ENGINEERING							94			166			177
PRODUCTION MANAGEMENT SUPPORT							70			101			149
TOTALS:							3,371			6,817			7,834
REMARKS:													

P-1 ITEM NO: 1	PAGE NO: 4	Page 1 of 1
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BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P- 5A)						DATE: FEBRUARY 2000			
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: ROCKETS (2.75 INCH ROCKET MOTOR - HA07)					
ITEM / FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL
COMPLETE ROUND									
FY99	6,776	497.49	AFMC/OO-ALC	C/FFP	GDOS - BURLINGTON, VT (2)	JUN 99	JUL 00		
FY00	15,022	453.80	AFMC/OO-ALC	OPT/FFP	GDOS - BURLINGTON, VT (2)	APR 00	OCT 01	Y	
FY01	16,108	486.34	AFMC/OO-ALC	OPT/FFP	GDOS - BURLINGTON, VT (2)	APR 01	OCT 02	Y	
REMARKS: (1) The PCO location is the Army Industrial Operations Command (IOC) Single Manager for Conventional Ammunition (SMCA). (2) GDOS - General Dynamics Ordnance Systems; Burlington, Vermont									
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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)						DATE: FEBRUARY 2000		
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: ROCKETS (ITEMS LESS THAN \$5 MILLION)				
		FY1999	FY2000	FY2001	FY2002	FY2003	FY2004	FY2005
QUANTITY								
COST (in Thousands)		\$4,696	\$2,237	\$3,632	\$1,919	\$1,171	\$1,040	\$1,414
Description: All items have an annual procurement value of less than \$5,000,000 and are Code A. Items requested in FY01 are identified on the following P-40A and are representative of items to be procured. Items procured during execution may change based on the most critical munitions/equipment needed to support Air Force mission requirements.								
		P-1 ITEM NO: 1		PAGE NO: 6		Page 1 of 1		

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BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P- 40A-IL)				DATE: FEBRUARY 2000	
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT		P-1 NOMENCLATURE: ROCKETS (ITEMS LESS THAN \$5 MILLION)			
PROCUREMENT ITEMS	NSN	FY2001			
		QTY.	COST	QTY.	COST
2.75 INCH FLARE, IR (HA06)				821	\$1,236
2.75 INCH SIGNATURE WARHEAD (H872)				26,481	\$2,396
TOTALS:					\$3,632

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1

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)						DATE: FEBRUARY 2000	
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: CARTRIDGES (OVERVIEW)			
		FY1999	FY2000	FY2001	FY2002	FY2003	FY2004
QUANTITY							
COST (in Thousands)		\$45,030	\$69,061	\$70,090	\$123,673	\$83,946	\$77,949
							\$79,286
<p>Description:</p> <p>The items within this category include cartridges and airborne counter measures used to support training qualification and war reserve stocks requirements. This funding also procures Cartridge Actuated Devices/Propellant Actuated Devices (CAD/PAD) items, such as gas generators, initiators, shield mild detonation cord, rocket motors, rocket catapults, etc., used on aircraft fire suppression, emergency release and aircrew escape systems. FY99 funding was appropriated in 5.56 MM ammunition (P-1 line number 6), 30 MM Training ammunition (P-1 line number 7), Cartridge Chaff RR-180 (P-1 line number 8), Cartridge Chaff RR-188 (P-1 line number 9), Signal MK-4 MOD 3 (P-1 line number 10), Items Less Than \$5,000,000 (Cartridges) (P-1 line number 11), and CAD/PAD (P-1 line number 29). Items requested in FY01 are identified on the following P-40A and are representative of items to be procured. Items procured during execution may change based on the most critical munitions/equipment needed to support Air Force mission requirements.</p>							
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BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P-40A)						DATE: FEBRUARY 2000			
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: CARTRIDGES (OVERVIEW)					
PROCUREMENT ITEMS	ID CODE	QTY.	COST	FY1999		FY2000		FY2001	
				QTY.	COST	QTY.	COST	QTY.	COST
20MM TP PGU-27A/B (AA24)	A					930,322	\$8,795	1,460,631	\$14,000
30MM PGU-15/B (B116)	A			772,236	\$5,446	1,608,125	\$16,005	1,597,962	\$16,250
BBU-48/B IMPULSE CARTRIDGE (SY17) (1)	A			844,296	\$6,383	610,766	\$5,331		
CAD/PAD	A				\$14,162		\$13,271		\$13,243
ITEMS LESS THAN \$5 MILLION CARTRIDGES	A				\$19,039		\$25,659		\$26,597
Totals:					\$45,030		\$69,061		\$70,090
Remarks: (1) FY01 funding is included in Items Less Than \$5 Million.									
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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)		DATE: FEBRUARY 2000	
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT		P-1 NOMENCLATURE: CARTRIDGES (20 MM TP PGU-27A/B, AA24)	
		FY1999	FY2000
QUANTITY			
COST (in Thousands)		\$0	\$8,795
		\$14,000	\$45,000
			\$14,880
			\$10,000
			\$10,182

Description:

- The 20 MM target practice (TP) round is used for air-to-air and air-to-ground training in the M61 aircraft cannon on the F-15 and F-16 aircraft. The Air Force procures various links, linking methods, and mixtures of target practice and target practice tracer ammunition depending on the specific requirement of the system and the training program. The cartridge is electrically primed and has no fuze. The 20MM projectile is a solid slug sized to match the ballistics of the 20MM combat round. The 20MM cartridge is the primary ammunition used in aircraft gun systems by the Air Force and Navy. The Air Force procures the PGU-27 TP round to provide a training capability to complement the PGU-28 high explosive incendiary (HEI) combat round and ensure training is consistent with combat operations. Items requested in FY01 are identified on the following P-5 and are representative of items to be procured. Items procured during execution may change based on the most critical munitions/equipment needed to support Air Force mission requirements.
- Beginning in FY00, the new PGU-27A/B (DODIC AA24) will be procured, which will replace the PGU-27/B. Since aircraft software has been modified to effectively use the newer ammo (PGU-27), the older M50 series rounds will continue to be consumed until exhausted.
- This item is procured through the Single Manager for Conventional Ammunition.

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)						DATE: FEBRUARY 2000	
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: CARTRIDGES (30 MM TP PGU-15/B, B116)			
		FY1999	FY2000	FY2001	FY2002	FY2003	FY2004
QUANTITY							
COST (in Thousands)		\$5,446	\$16,005	\$16,250	\$20,000	\$19,957	\$17,171
							\$18,181
<p>Description:</p> <p>1. The 30MM target practice (TP) cartridge is a solid, inert projectile used to train aircrews in the use of the GAU-8/A cannon on the A-10 aircraft and the PGU-5/A 30MM gun pod on the F-16 aircraft. The cartridge is mechanically primed and has no fuze, while the projectile is a solid slug designed to match the ballistics of high explosive incendiary and armor piercing incendiary cartridges. Items requested in FY01 are identified on the following P-5 and are representative of items to be procured. Items procured during execution may change based on the most critical munitions/equipment needed to support Air Force mission requirements.</p> <p>2. This item is procured through the Single Manager for Conventional Ammunition.</p>							
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WEAPON SYSTEM COST ANALYSIS (EXHIBIT P- 5)				DATE: FEBRUARY 2000						
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: CARTRIDGES (30 MM TP PGU-15/B, B116)						
WEAPON SYSTEM COST ELEMENTS	IDENT CODE	FY1999			FY2000			FY2001		
		QTY	UNIT COST	TOTAL COST	QTY	UNIT COST	TOTAL COST	QTY	UNIT COST	TOTAL COST
HARDWARE				{5,313}			{15,736}			{15,987}
LOAD, ASSEMBLE, PACK	A			772,236	6.68	5,160	1,608,125	9.24	14,860	1,597,962
CONTAINER CNU-332E				1,391	110.19	153	2,895	96.22	279	2,877
TUBE AND STRAP ASSEMBLY							2,895	206.25	597	2,877
										209.23
PRODUCTION SUPPORT						{133}			{269}	
QUALITY ASSURANCE						5			5	
ACCEPTANCE TESTING						20			20	
INTERIM TRANSPORTATION						2			16	
INDUSTRIAL STOCK SUPPORT						106			228	
TOTALS:						5,446			16,005	
REMARKS:										

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BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P- 5A)						DATE: FEBRUARY 2000			
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT			P-1 NOMENCLATURE: CARTRIDGES (30 MM TP PGU-15/B, B116)						
ITEM / FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL
LOAD, ASSEMBLE, PACK									
FY99	772	7.05	AFMC/OO-ALC	C/FP	ALLIANT TECH SYS, INC	AUG 99	MAY 00		
FY00	1,608	9.95	AFMC/OO-ALC	C/FP	UNKNOWN	MAR 00	MAR 01	Y	
FY01	1,598	10.16	AFMC/OO-ALC	C/FP	UNKNOWN	MAR 01	MAR 02	Y	
REMARKS: Quantity is in thousands of rounds.									
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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)		DATE: FEBRUARY 2000	
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT		P-1 NOMENCLATURE: CARTRIDGES (CAD/PAD)	
	FY1999	FY2000	FY2001
QUANTITY			
COST (in Thousands)	\$14,162	\$13,271	\$13,243
		\$13,998	\$14,291
		\$14,960	\$15,079
Description: <ol style="list-style-type: none"> Cartridge Actuated Devices/Propellant Actuated Devices (CAD/PAD) support aircraft fire suppression, emergency release and aircrew escape systems. CAD/PAD items include gas generators, initiators, shield mild detonating cord (SMDC), rocket motors, and rocket catapults. These explosive devices have finite shelf lives and must be replaced during scheduled maintenance. Replacement assets must be available to meet change out requirements to prelude impacting aircraft operational availability and unit mission readiness. Life support devices such as the sea water activated release system and parachute release cartridges are essential to aircrew survival after ejection from aircraft. Items requested in FY01 are identified on the following P-5 and are representative of items to be procured. Items procured during execution may change based on the most critical munitions components needed to support Air Force mission requirements. 			
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BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P- 40A)					DATE: FEBRUARY 2000				
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT			P-1 NOMENCLATURE: CARTRIDGES (CAD/PAD)						
PROCUREMENT ITEMS	ID CODE	QTY.	COST	FY1999		FY2000		FY2001	
				QTY.	COST	QTY.	COST	QTY.	COST
B-1 EGRESS COMPONENTS	A				\$4,947		\$511		\$513
B-2 EGRESS COMPONENTS	A				\$315		\$417		\$419
B-52 EGRESS COMPONENTS	A				\$435				
C-17 PANEL ASSY/INITIATORS/EGRESS COMPONENTS	A				\$611		\$362		\$363
F-15 EGRESS COMPONENTS	A				\$3,340		\$4,798		\$4,817
F-16 EGRESS COMPONENTS	A				\$1,057		\$499		\$501
COMMON EGRESS COMPONENTS	A				\$1,055		\$1,317		\$1,322
MISC COMPONENTS LESS THAN \$500K	A				\$2,402		\$5,367		\$5,308
Totals:					\$14,162		\$13,271		\$13,243
Remarks:									

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)						DATE: FEBRUARY 2000	
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: CARTRIDGES (ITEMS LESS THAN \$5 MILLION)			
		FY1999	FY2000	FY2001	FY2002	FY2003	FY2004
QUANTITY							
COST (in Thousands)		\$19,039	\$25,659	\$26,597	\$39,715	\$34,818	\$35,818
Description: The items less than \$5 million category include various cartridges used to support air and ground training qualification and war reserve stocks requirements. All items have an annual procurement value of less than \$5,000,000 and are Code A. Items requested in FY01 are identified on the following P-40A-IL and are representative of items to be procured. Items procured during execution may change based on the most critical munitions/equipment needed to support Air Force mission requirements.							
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BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P- 40A-IL)				DATE: FEBRUARY 2000	
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT		P-1 NOMENCLATURE: CARTRIDGES (ITEMS LESS THAN \$5 MILLION)			
PROCUREMENT ITEMS	NSN	FY2001			COST
		QTY.	COST	QTY.	
5.56MM BALL (A071)				15,916,349	\$4,316
5.56MM BALL CLIPPED (A059)				4,860,357	\$1,037
5.56MM SAW (A062)				3,447,574	\$1,088
5.56MM SAW (A063)				3,764,065	\$1,447
5.56MM SAW (A064)				2,411,530	\$808
5.56MM SAW (A075)				317,885	\$120
5.56MM SAW (A080)				13,237,526	\$1,400
20 MM PGU-30A/B (AA28)				21,416	\$330
MK-4 MOD 3 SIGNAL (F562)				303,500	\$928
.50 CAL BALL LINK (A555)				210,815	\$428
.50 CAL BALL TRACER (A557)				497,493	\$1,033
9MM BALL (A363)				13,087,738	\$1,558
12 GAUGE BUCKSHOT (A011)				158,042	\$90
12 GAUGE DUMMY (AD12)				15,375	\$10
40MM (B519)				349,151	\$1,347
RR-180 CHAFF CARTRIDGE (SY-16)				322,580	\$2,000
BBU-48/B IMPULSE CART (SY-17)				112,613	\$1,000
RR-188 CHAFF CARTRIDGE (LY98)				1,441,320	\$4,281
BBU-35 IMPULSE CARTRIDGE (MG62)				495,000	\$1,000
P-1 ITEM NO: 5	PAGE NO: 19	Page 1 of 2			

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BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P- 40A-IL)				DATE: FEBRUARY 2000	
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT		P-1 NOMENCLATURE: CARTRIDGES (ITEMS LESS THAN \$5 MILLION)			
PROCUREMENT ITEMS	NSN	QTY.	COST	FY2001	
				QTY.	COST
BBU-36 IMPULSE CARTRIDGE (MG11)		95,040			\$250
BBU-46 IMPULSE CARTRIDGE (MT40)		15,456			\$1,192
ARD CCU-44 IMPULSE CARTRIDGE (MD66)		4060			\$70
BBU-63 IMPULSE CARTRIDGE (SS44)		160			\$41
MK2 MOD 0 IMPULSE CARTRIDGE (M190)		419			\$52
MK23 MOD 0 IMPULSE CARTRIDGE (M161)		144			\$13
CCU-41 IMPULSE CARTRIDGE (MF60)		17,880			\$100
ARD 446-1 IMPULSE CARTRIDGE (M187)		144,800			\$610
XM1006 40MM NL (BA06)		571			\$12
XM95 5.56 NL (GG06)		633			\$38
TOTALS:					\$26,597

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P-1 ITEM NO:
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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)		DATE: FEBRUARY 2000						
APPROP CODE/BA:		P-1 NOMENCLATURE:						
PAAF/MUNITIONS & RELATED EQUIPMENT		PRACTICE BOMBS (OVERVIEW)						
		FY1999	FY2000	FY2001	FY2002	FY2003	FY2004	FY2005
QUANTITY								
COST (in Thousands)		\$37,589	\$24,814	\$32,731	\$64,366	\$35,446	\$31,383	\$31,921
Description: <ol style="list-style-type: none"> 1. FY99 funding was appropriated in MK-82 Inert/BDU-50 (P-1 Line number 14), Bomb Practice 25 Pound (P-1 Line number 18) and MK-84 Bomb-Empty (P-1 Line number 20). 2. Items in this category consist of non-explosive training shapes used to provide combat air forces with aircrew weapons delivery training. They simulate the drop trajectory of explosives loaded bombs. Changing bomber roles, increased reliance on the Joint Direct Attack Munition (JDAM), utilization of a new B-52 rotary launcher and the need to replenish BDU-50's substituted for training shortages of BDU-56's have all contributed to greater requirements for these training munitions. 3. Items requested in FY01 are identified on the following P-40A and are representative of items to be procured. Items procured during execution may change based on the most critical munitions/equipment needed to support Air Force mission requirements. 								
P-1 ITEM NO: 12		PAGE NO: 21		Page 1 of 1				

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BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P- 40A)										DATE: FEBRUARY 2000	
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT					P-1 NOMENCLATURE: PRACTICE BOMBS (OVERVIEW)						
PROCUREMENT ITEMS	ID CODE	QTY.	COST	FY1999		FY2000		FY2001			
				QTY.	COST	QTY.	COST	QTY.	COST		
MK82 INERT/BDU-50 (F013)	A			30,974	\$23,219	22,116	\$17,120	36,356	\$27,522		
BDU-33 25LB PRACTICE BOMB (E969)	A			271,164	\$3,812	335,849	\$4,547	311,608	\$5,209		
MK84 EMPTY / BDU-56 (E756)	A			3,291	\$8,078		\$3,147				
ITEMS LESS THAN \$5M					\$2,480						
Totals:					\$37,589		\$24,814		\$32,731		
Remarks:											
P-1 ITEM NO: 12					PAGE NO: 22		Page 1 of 1				

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)		DATE: FEBRUARY 2000						
APPROP CODE/BA:		P-1 NOMENCLATURE:						
PAAF/MUNITIONS & RELATED EQUIPMENT		PRACTICE BOMBS (MK-82 INERT/BDU-50 - F013)						
		FY1999	FY2000	FY2001	FY2002	FY2003	FY2004	FY2005
QUANTITY								
COST (in Thousands)		\$23,219	\$17,120	\$27,522	\$47,000	\$22,000	\$18,233	\$18,771
Description: <p>1. The MK-82 inert/BDU-50 is a non-explosive training shape, less the explosive filler, used to provide combat air forces with aircrew weapons delivery training. It is filled with a combination of concrete, vermiculite and sand. Items requested in FY01 are representative of items to be procured. Items procured during execution may change based on the most critical munitions/equipment needed to support Air Force mission requirements.</p> <p>2. This item is procured by the Single Manager for Conventional Ammunition.</p>								
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WEAPON SYSTEM COST ANALYSIS (EXHIBIT P- 5)				DATE: FEBRUARY 2000									
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: PRACTICE BOMBS (MK-82 INERT/BDU-50 - F013)									
WEAPON SYSTEM COST ELEMENTS	IDENT CODE	FY1999			FY2000			FY2001					
		QTY	UNIT COST	TOTAL COST	QTY	UNIT COST	TOTAL COST	QTY	UNIT COST	TOTAL COST			
HARDWARE	A				30,974	744.79	{22,423}	22,116	767.32	{16,434}	36,356	753.61	{26,747}
LOAD, ASSEMBLE AND PACK (LAP)					30,974	57.47	1,780	22,116	70.34	1,556	36,356	87.82	3,193
BOMB BODY BDU-50A/B					31,904	610.20	19,468	22,780	616.32	14,040	37,447	593.63	22,230
SUSP LUG MS3314					65,046	15.44	1,004	46,444	15.41	716	76,348	14.68	1,121
PALLET INSPECTION, MHU 149/E					5,266	32.40	171	3,760	32.34	122	6,181	32.80	203
PRODUCTION SUPPORT							{646}			{536}			{652}
QUALITY ASSURANCE							4			4			5
INTERIM TRANSPORTATION							271			286			245
INDUSTRIAL STOCK SUPPORT							371			246			402
NAVY ENGINEERING SUPPORT							150			150			123
TOTALS:							23,219			17,120			27,522
REMARKS:													

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BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P- 5A)						DATE: FEBRUARY 2000			
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT			P-1 NOMENCLATURE: PRACTICE BOMBS (MK-82 INERT/BDU-50 - F013)						
ITEM / FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL
HARDWARE									
FY99	30,974	744.79	AFMC/OO-ALC	SS/FP	MCAAP (1)	MAY 99	MAR 01		
FY00	22,116	767.32	AFMC/OO-ALC	SS/FP	MCAAP (1)	FEB 00	JAN 02	Y	
FY01	36,356	753.61	AFMC/OO-ALC	SS/FP	MCAAP (1)	JAN 01	JAN 03	Y	
REMARKS: (1) McAlester Army Ammunition Plant (MCAAP), McAlester, OK (2) Award dates are for Load, Assemble and Pack (LAP) (MCAAP). Contractor method and type for the bomb body is C/FP. Bomb body contractor is unknown due to a new production method called Cast Ductile Iron (CDI).									
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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)						DATE: FEBRUARY 2000	
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: PRACTICE BOMBS (BDU-33/25 LB PRACTICE BOMB - E969)			
		FY1999	FY2000	FY2001	FY2002	FY2003	FY2004
QUANTITY							
COST (in Thousands)		\$3,812	\$4,547	\$5,209	\$17,366	\$10,946	\$9,400
<p>Description:</p> <p>1. The BDU-33 practice bomb provides the combat air forces with an inert munition to facilitate aircrew weapons delivery training. The BDU-33 weighs 25 pounds, has a teardrop shaped metal body with a tube cavity lengthwise through the center, a conical after body, and a cruciform type fin in the aft end of the bomb body. A firing pin, inertia tube, and striker plate are separate components of the bomb. A receptacle is located forward of the center of gravity to install a single suspension lug if required. A hole is provided in each side of the body for hanging the bomb in SUU-20 or SUU-21 dispensers. Items requested in FY01 are representative of items to be procured. Items procured during execution may change based on the most critical munitions/equipment needed to support current Air Force mission requirements.</p> <p>2. This item is procured by the Single Manager for Conventional Ammunition.</p>							
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WEAPON SYSTEM COST ANALYSIS (EXHIBIT P- 5)				DATE: FEBRUARY 2000									
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: PRACTICE BOMBS (BDU-33/25 LB PRACTICE BOMB - E969)									
WEAPON SYSTEM COST ELEMENTS	IDENT CODE	FY1999			FY2000			FY2001					
		QTY	UNIT COST	TOTAL COST	QTY	UNIT COST	TOTAL COST	QTY	UNIT COST	TOTAL COST			
HARDWARE/BDU-33D/B	A				271,164	13.76	3,731	335,849	13.33	4,477	311,608	16.46	5,130
PRODUCTION SUPPORT							{81}			{70}			{79}
QUALITY ASSURANCE							5			5			5
INDUSTRIAL STOCK SUPPORT							76			65			74
TOTALS:							3,812			4,547			5,209
REMARKS:													
		P-1 ITEM NO: 12		PAGE NO: 27				Page 1 of 1					

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BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P- 5A)						DATE: FEBRUARY 2000			
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT			P-1 NOMENCLATURE: PRACTICE BOMBS (BDU-33/25 LB PRACTICE BOMB - E969)						
ITEM / FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL
HARDWARE/BDU-33D/B									
FY99	271164	14.06	AFMC/OO-ALC	C/FP	DELFASCO; GREENVILLE, TENN	JUN 99	OCT 99		
FY00	335849	13.54	AFMC/OO-ALC	OPT/FP	DELFASCO; GREENVILLE, TENN	MAR 00	JUN 00	Y	
FY01	311608	16.72	AFMC/OO-ALC	C/FP	UNKNOWN	MAR 01	MAY 02	Y	
REMARKS:									

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REMARKS:

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)		DATE: FEBRUARY 2000	
APPROP CODE/BA:		P-1 NOMENCLATURE:	
PAAF/MUNITIONS & RELATED EQUIPMENT		GENERAL PURPOSE BOMBS (OVERVIEW)	
		FY1999	FY2000
QUANTITY			
COST			
(in Thousands)	\$43,094	\$117,667	\$30,745
		\$90,190	\$42,432
			\$33,415
			\$25,166
<p>Description:</p> <p>1. Funds for General Purpose Bombs in FY00 were added through the FY99 Emergency Supplemental Appropriations and transferred to the Air Force from the Overseas Contingency Operations Transfer Fund.</p> <p>2. FY99 funding was appropriated for GBU-28 Hard Target Penetrator (P-1 line number 15), GBU-15 (P-1 line number 17) and 2000 LB High Explosive Bomb MK-84 (P-1 line number 19).</p> <p>3. The General Purpose (GP) Bombs category includes all high explosive air delivered bombs and associated fuzes, fins, and guidance kits. The warfighter delivers these munitions via fighter or bomber aircraft in support of both training and wartime contingency taskings. GP Bombs can be used as either unguided weapons or as guided munitions after the installation of a guidance and control kit. Items requested in FY01 are identified on the following P-40A and are representative of items to be procured. Items procured during execution may change based on the most critical munitions/equipment needed to support Air Force mission requirements.</p> <p>4. The FY00 cost includes the Joint Programmable Fuze (JPF). JPF is an independent P-1 line item beginning in FY01 (P-1 line number 35).</p>			
P-1 ITEM NO:		PAGE NO:	
13		29	
		Page 1 of 1	

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BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P- 40A)										DATE: FEBRUARY 2000	
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT					P-1 NOMENCLATURE: GENERAL PURPOSE BOMBS (OVERVIEW)						
PROCUREMENT ITEMS	ID CODE	FY1999		FY2000		FY2001		QTY.	COST	QTY.	COST
		QTY.	COST	QTY.	COST	QTY.	COST				
MK-83 1000 LB GP BOMB (E509)	A									2,675	\$8,096
MK-84 2000 LB GP BOMB (F275)	A			2,366	\$7,253			1,378	\$4,614	1,654	\$6,039
BLU-109 2000 LB HARD TARGET GP BOMB (F140)	A									654	\$8,100
EGBU-28 (OY01)	A			173	\$23,756						
EGBU-15	A			100	\$7,000			1,500	\$53,499		
JOINT PROGRAMMABLE FUZE	A							628	\$1,997		
BSU-33 TAIL FIN, MK-82 (F782)	A							46,042	\$3,861	59,029	\$5,200
DSU-33 PROXIMITY SENSOR (BY30)	A							4,153	\$5,398		
GBU-12 PAVEWAY II KITS	A							2,245	\$38,614		
ITEMS LESS THAN \$5 MILLION GP BOMBS					\$5,085				\$9,684		\$3,310
Totals:					\$43,094				\$117,667		\$30,745
Remarks:											

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)						DATE: FEBRUARY 2000	
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: GENERAL PURPOSE BOMBS (MK-83 1000 LB GP BOMB)			
		FY1999	FY2000	FY2001	FY2002	FY2003	FY2004
QUANTITY							
COST (in Thousands)		\$0	\$0	\$8,096	\$16,179	\$18,893	\$12,915
							\$10,000
<p>Description:</p> <p>1. The MK-83 is a 1,000-pound class General Purpose Bomb. It has a relatively thin bomb case that is streamlined to reduce aerodynamic drag. The bomb produces blast and fragmentation effects and can be used as either an unguided high or low drag weapon. When used with a guidance kit, it can be employed as a precision guided bomb. The MK-83 can be fuzed with proximity, instantaneous, or delay fuzes to provide a wide variety of military effects. Air Force procurement of MK-83 warheads beginning in FY01 will be in support of the Joint Direct Attack Munition (JDAM) program. Items requested in FY01 are identified on the following P-5 and are representative of items to be procured. Items procured during execution may change based on the most critical munitions/equipment needed to support Air Force mission requirements.</p> <p>2. This item is procured through the Single Manager for Conventional Ammunition.</p>							
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WEAPON SYSTEM COST ANALYSIS (EXHIBIT P-5)				DATE: FEBRUARY 2000						
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: GENERAL PURPOSE BOMBS (MK-83 1000 LB GP BOMB)						
WEAPON SYSTEM COST ELEMENTS	IDENT CODE	FY1999			FY2000			FY2001		
		QTY	UNIT COST	TOTAL COST	QTY	UNIT COST	TOTAL COST	QTY	UNIT COST	TOTAL COST
HARDWARE										{7,753}
LOAD ASSEMBLE & PACK	A							2,675	1,254.80	3,357
BOMB BODY MK-83 (E509)								2,756	1,459.21	4,022
CABLE ASSEMBLY (1)								2,756	51.19	141
SUSPENSION LUG MS3314								5,618	14.72	83
PALLET MK11-0 (1)								910	114.81	104
PALLET INSPECTION								910	50.45	46
PRODUCTION SUPPORT										{247}
QUALITY ASSURANCE										10
INTERIM TRANSPORTATION										77
INDUSTRIAL STOCK SUPPORT										160
NAVY ENGINEERING SUPPORT										96
TOTALS:										8,096
REMARKS: (1) Hardware cost includes credit for Government Furnished Material.										
P-1 ITEM NO: 13		PAGE NO: 32		Page 1 of 1						

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BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P- 5A)						DATE: FEBRUARY 2000			
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: GENERAL PURPOSE BOMBS (MK-83 1000 LB GP BOMB)					
ITEM / FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL
LOAD ASSEMBLE & PACK									
FY01	2,675	2,990.65	AFMC/OO-ALC	SS/FP	MCALESTER ARMY AMMUNITION PLANT, OKLAHOMA CITY, OK	JAN 01	SEP 02	Y	
REMARKS:									
P-1 ITEM NO: 13				PAGE NO: 33		Page 1 of 1			

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)					DATE: FEBRUARY 2000				
APPROP CODE/BA:		P-1 NOMENCLATURE:							
PAAF/MUNITIONS & RELATED EQUIPMENT		GENERAL PURPOSE BOMBS (MK-84 2000 LB GP BOMB)							
		FY1999	FY2000	FY2001	FY2002	FY2003	FY2004	FY2005	
QUANTITY									
COST (in Thousands)		\$7,253	\$4,614	\$6,039	\$18,111	\$10,500	\$10,500	\$7,000	
Description: <ol style="list-style-type: none"> 1. FY00 funding for the MK-84 was obtained through the FY99 Emergency Supplemental Appropriations and transferred to the Air Force from the Overseas Contingency Operations Transfer Fund. 2. The MK-84 is a 2,000-pound class General Purpose Bomb. It has a relatively thin bomb case that is streamlined to reduce aerodynamic drag. The bomb produces blast and fragmentation effects and can be used as either an unguided high or low drag weapon. When used with a guidance kit, it can be employed as a Precision Guided Bomb. The warhead is used on the Paveway II, Paveway III, GBU-15 and Joint Direct Attack Munition (JDAM) weapon systems. The MK-84 can also be fuzed with proximity, instantaneous, or delay fuze to provide a variety of military effects. Items requested in FY01 are identified on the following P-5 and are representative of items to be procured. Items procured during execution may change based on the most critical munitions/equipment needed to support Air Force mission requirements. 3. This item is procured through the Single Manager for Conventional Ammunition. 									
		P-1 ITEM NO: 13		PAGE NO: 34		Page 1 of 1			

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WEAPON SYSTEM COST ANALYSIS (EXHIBIT P- 5)				DATE: FEBRUARY 2000			
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: GENERAL PURPOSE BOMBS (MK-84 2000 LB GP BOMB)			
WEAPON SYSTEM COST ELEMENTS	IDENT CODE	FY1999			FY2000		
		QTY	UNIT COST	TOTAL COST	QTY	UNIT COST	TOTAL COST
HARDWARE				{6,933}			{4,279}
LOAD ASSEMBLE & PACK	A				2,366	781.81	1,850
BOMB BODY MK-84					2,437	2,003.78	4,883
LUG SUSPENSION MK3 (1)					4,969	26.32	131
PALLET INSPECTION					1,216	57.11	69
ALUMINUM POWDER (1)							
PRODUCTION SUPPORT							
QUALITY ASSURANCE							
INTERIM TRANSPORTATION							
INDUSTRIAL STOCK SUPPORT							
NAVY ENGINEERING SUPPORT							
TOTALS:				7,253			4,614
REMARKS: (1) Hardware cost includes credit for Government Furnished Material.							
P-1 ITEM NO: 13		PAGE NO: 35		Page 1 of 1			

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BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P- 5A)						DATE: FEBRUARY 2000			
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: GENERAL PURPOSE BOMBS (MK-84 2000 LB GP BOMB)					
ITEM / FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL
LOAD ASSEMBLE & PACK									
FY99	2,366	3,030.85	AFMC/OO-ALC	SS/FP	MCALESTER ARMY AMMUNITION PLANT, OKLAHOMA CITY, OK	JUN 99	JUL 01		
FY00	1,378	3,239.48	AFMC/OO-ALC	SS/FP	MCALESTER ARMY AMMUNITION PLANT, OKLAHOMA CITY, OK	FEB 00	SEP 02	Y	
FY01	1,654	3,560.46	AFMC/OO-ALC	SS/FP	MCALESTER ARMY AMMUNITION PLANT, OKLAHOMA CITY, OK	JAN 01	SEP 02	Y	
REMARKS:									
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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)										DATE: FEBRUARY 2000	
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT					P-1 NOMENCLATURE: GENERAL PURPOSE BOMBS (BLU-109 2000 LB HARD TARGET GP BOMB)						
			FY1999	FY2000	FY2001	FY2002	FY2003	FY2004	FY2005		
QUANTITY											
COST (in Thousands)			\$0	\$0	\$8,100	\$16,279	\$10,000	\$9,000		\$7,416	
<p>Description:</p> <p>1. The BLU-109/B warhead is a 2000 pound Hard Target Penetrator bomb filled with 553 pounds of tritonal. The warhead is used on the Paveway II, Paveway III, GBU-15 and Joint Direct Attack Munition (JDAM) weapon systems. The BLU-109/B is designed for employment against hardened and deeply buried targets. Items requested in FY01 are identified on the following P-5 and are representative of items to be procured. Items procured during execution may change based on the most critical munitions/equipment needed to support Air Force mission requirements.</p> <p>2. This item is procured through the Single Manager for Conventional Ammunition.</p>											
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WEAPON SYSTEM COST ANALYSIS (EXHIBIT P- 5)				DATE: FEBRUARY 2000						
APPRO CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: GENERAL PURPOSE BOMBS (BLU-109 2000 LB HARD TARGET GP BOMB)						
WEAPON SYSTEM COST ELEMENTS	IDENT CODE	FY1999			FY2000			FY2001		
		QTY	UNIT COST	TOTAL COST	QTY	UNIT COST	TOTAL COST	QTY	UNIT COST	TOTAL COST
HARDWARE										{7,836}
LOAD ASSEMBLE & PACK	A							654	2,027.25	1,326
BLU-109 EMPTY BOMB CASES								664	9,440.27	6,268
CNU 417 CONTAINER								331	730.48	242
ALUMINUM POWDER (LB)								71,940	1	72
PRODUCTION SUPPORT										
QUALITY ASSURANCE										{192}
INTERIM TRANSPORTATION										0
INDUSTRIAL STOCK SUPPORT										70
										122
TOTALS:										8,100
REMARKS:										

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BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P- 5A)					DATE: FEBRUARY 2000				
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: GENERAL PURPOSE BOMBS (BLU-109 2000 LB HARD TARGET GP BOMB)					
ITEM / FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL
LOAD ASSEMBLE & PACK									
FY01	654	12,385	AFMC/OO-ALC	SS/FP	MCALESTER ARMY AMMUNITION PLANT, OKLAHOMA CITY, OK	JAN 01	SEP 02	Y	
REMARKS:									
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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)						DATE: FEBRUARY 2000		
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: GENERAL PURPOSE BOMBS (BSU-33 TAIL FIN, MK-82)				
		FY1999	FY2000	FY2001	FY2002	FY2003	FY2004	FY2005
QUANTITY								
COST (in Thousands)		\$0	\$3,861	\$5,200	\$1,500	\$1,250	\$1,000	\$750
Description: <ol style="list-style-type: none"> 1. Funding for the BSU-33 Tail Fin Assembly in FY00 was added through the FY99 Emergency Supplemental Appropriations and transferred to the Air Force from the Overseas Contingency Operations Transfer Fund. 2. The BSU-33 Tail Fin Assembly consists of an elongated cone and four streamlined blades. The fin stabilizes the bomb during release and free flight from aircraft to target. The BSU-33 is attached to the bomb warhead (MK-82 500lb General Purpose) with a metal band that is tightened with a clamp. Items requested in FY01 are identified on the following P-5 and are representative of items to be procured. Items procured during execution may change based on the most critical munitions/equipment needed to support Air Force mission requirements. 3. This item is procured through the Single Manager for Conventional Ammunition. 								
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WEAPON SYSTEM COST ANALYSIS (EXHIBIT P- 5)				DATE: FEBRUARY 2000						
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT		P-1 NOMENCLATURE: GENERAL PURPOSE BOMBS (BSU-33 TAIL FIN, MK-82)								
WEAPON SYSTEM COST ELEMENTS	IDENT CODE	FY1999			FY2000			FY2001		
		QTY	UNIT COST	TOTAL COST	QTY	UNIT COST	TOTAL COST	QTY	UNIT COST	TOTAL COST
HARDWARE							{3,861}			{5,054}
LOAD, ASSEMBLE & PACK	A				46,042	81.20	3,739	59,029	82.59	4,875
PALLET MK3-0					1,534	79.50	122	2,006	89.42	179
PRODUCTION SUPPORT										
QUALITY ASSURANCE							{58}			{82}
INTERIM TRANSPORTATION										5
INDUSTRIAL STOCK SUPPORT							2			2
							56			75
NONRECURRING										
GOVERNMENT FURNISHED MATERIAL							{-122}			
							-122			
NAVY ENGINEERING SUPPORT										64
TOTALS:							3,861			5,200
REMARKS:										

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BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P- 5A)					DATE: FEBRUARY 2000				
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT			P-1 NOMENCLATURE: GENERAL PURPOSE BOMBS (BSU-33 TAIL FIN, MK-82)						
ITEM / FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL
LOAD, ASSEMBLE & PACK									
FY00	46,042	82.47	AFMC/OO-ALC	C/FP	UNKNOWN	MAR 00	MAR 01	Y	
FY01	59,029	87.01	AFMC/OO-ALC	C/FP	UNKNOWN	MAR 01	MAR 02	Y	
REMARKS:									

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)						DATE: FEBRUARY 2000	
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: GENERAL PURPOSE BOMBS (ITEMS LESS THAN \$5 MILLION)			
			FY1999	FY2000	FY2001	FY2002	FY2003
QUANTITY							
COST (in Thousands)			\$5,085	\$9,684	\$3,310	\$10,000	\$1,789
							\$0
Description: <ol style="list-style-type: none"> 1. All items have an annual procurement value of less than \$5,000,000 and are code A. Items requested in FY01 are identified on the following P-40A and are representative of items to be procured. Items procured during execution may change based on the most critical munitions/equipment needed to support Air Force mission requirements. 2. Funding for Items Less Than \$5,000,000 GP Bombs in FY00 was added through the FY99 Emergency Supplemental Appropriations and transferred to the Air Force from the Overseas Contingency Operations Transfer Fund. 							
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BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P- 40A-IL)						DATE: FEBRUARY 2000	
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT			P-1 NOMENCLATURE: GENERAL PURPOSE BOMBS (ITEMS LESS THAN \$5 MILLION)				
PROCUREMENT ITEMS	NSN			FY2001			
		QTY.	COST	QTY.	COST		
MXU-650 PAVEWAY FIN ASSEMBLY (F763) BLU-109(D-1)/B INERT (F034) FMU-143B (D-2)/B FUZE INERT (EA32) FZU-39 (D-2)/B PROXIMITY SENSOR INERT (CY13) CBU-87(D-2)/B BOMB DISPENSER INERT (E851) UNIVERSAL FIN WING ACTUATOR TOOL TOTALS:				371 34 32 176 42 15	\$2,000 \$495 \$35 \$250 \$500 \$30 \$3,310		
P-1 ITEM NO: 13	PAGE NO: 44	Page 1 of 1					

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)						DATE: FEBRUARY 2000
APPROP CODE/BA:			P-1 NOMENCLATURE:			
PAAF/MUNITIONS & RELATED EQUIPMENT			CAWCF CLOSURE COSTS			
	FY1999	FY2000	FY2001	FY2002	FY2003	FY2004
QUANTITY						
COST (in Thousands)	\$0	\$0	\$1,400	\$6,300	\$0	\$0
<p>Description:</p> <p>1. The Conventional Ammunition Working Capital Fund (CAWCF) was established in FY82 to meet the operational needs of the Services to procure munitions. The CAWCF provided a single organization through which orders from the Services could be consolidated. This arrangement provided economies of scale, lower prices, and efficiencies for management of ammunition procurement.</p> <p>2. In recent years, the level of orders declined significantly. At the same time, the CAWCF financial system needed upgrading to more accurately track consolidated orders. The new proposed system would be costly and was ultimately determined unnecessary to meet the requirements of managing ammunition procurement. In Nov 96, the Department of Defense decided to close the CAWCF at the end of FY98. Under new operating guidelines, the Services continue to procure applicable assets through the Army's Single Manager for Conventional Ammunition (Industrial Operations Command). The Services jointly developed a plan for closing the CAWCF and transitioning to the new financing structure. All existing orders accepted by the CAWCF prior to 1 Oct 98, will continue to be processed through the CAWCF until completed. Additional resources are required from all Services to close out the CAWCF and to cover the projected losses. Each Service's share of these losses is based upon historical order volume. The Air Force share is \$7.7 million (FY01 and FY02).</p>						
P-1 ITEM NO: 14			PAGE NO: 45		Page 1 of 1	

		P-1 ITEM NO: 14		PAGE NO: 45		Page 1 of 1
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BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P- 40A)				DATE: FEBRUARY 2000			
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: CAWCF CLOSURE COSTS			
PROCUREMENT ITEMS	ID CODE	FY1999		FY2000		FY2001	
		QTY.	COST	QTY.	COST	QTY.	COST
CAWCF CLOSEOUT (1)							\$1,400
Totals:							\$1,400
Remarks: 1. Conventional Ammunition Working Capital Fund (CAWCF)							
P-1 ITEM NO: 14		PAGE NO: 46		Page 1 of 1			

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)		DATE: FEBRUARY 2000	
APPROP CODE/BA:		P-1 NOMENCLATURE:	
PAAF/MUNITIONS & RELATED EQUIPMENT		SENSOR FUZED WEAPON	
		FY1999	FY2000
QUANTITY		386	214
COST			
(in Thousands)		\$117,955	\$85,385
		\$107,201	\$103,874
			\$98,965
			\$97,402
			\$98,189
<p>Description:</p> <p>1. The Sensor Fuzed Weapon (SFW) is a cluster munition designed for use against land combat vehicles. The SFW (CBU-97) consists of a Tactical Munitions Dispenser (TMD) containing ten BLU-108 submunitions. Each submunition contains four warheads, a parachute assembly, altimeter, and rocket motor. The TMD opens after release from the delivery aircraft dispensing the submunitions. The submunitions are parachute retarded and oriented nose downward. After the parachute ejects, the rocket motor fires to launch the warheads. The warheads release in a horizontal trajectory and target activate through a small infrared sensor contained in the warhead, firing a self-forging projectile into the target. This munition provides multiple kills per pass capability.</p> <p>2. The RDT&E effort is funded in program element 27320F and scheduled to complete in FY 2000.</p> <p>3. The Defense Acquisition Board approved low rate initial production in March 1992 and directed four years of low rate production. Full Rate Production (FRP) was approved at milestone III via an acquisition decision memorandum dated 14 June 1996. The first FRP contract was awarded 17 June 1996; FRP 2 was awarded in February 1997; FRP 3 was awarded in February 1998; FRP 4 was awarded in February 1999; and FRP 5 is scheduled for award in Feb 2000.</p> <p>4. The approved revised acquisition strategy procures baseline SFW units through FY 2000 and SFW pre-planned product improvement (P3I) units from FY01 to completion.</p>			
P-1 ITEM NO:		PAGE NO:	
22		47	
		Page 1 of 2	

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)		DATE: FEBRUARY 2000
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: SENSOR FUZED WEAPON	
Description (cont.): 5. Three hundred units were bought in FY99, with the other 86 to be combined with the FY00 buy to contribute to the contractor's minimum sustainment rate of 300. Funding (\$18.0 million) for the minimum sustainment rate for Sensor Fuzed Weapon was added by Congress in the FY00 markup of the FY00 Air Force budget. Reference Appropriation Conference Committee Report 106-371, October 8, 1999, page 196.		
P-1 ITEM NO: 22	PAGE NO: 48	Page 2 of 2

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WEAPON SYSTEM COST ANALYSIS (EXHIBIT P- 5)				DATE: FEBRUARY 2000			
APPRO CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: SENSOR FUZED WEAPON			
WEAPON SYSTEM COST ELEMENTS	IDENT CODE	FY1999			FY2000		
		QTY	UNIT COST	TOTAL COST	QTY	UNIT COST	TOTAL COST
HARDWARE				{107,354}			{76,559}
CBU-97/B	A				386	267,948	103,428
ENGINEERING CHANGE ORDERS							214
GOVERNMENT FURNISHED EQUIPMENT				3,807			74,860
				119			1,699
							4,013
							2,481
NONRECURRING/ANCILLARY EQUIPMENT				{6,895}			{5,629}
TOOLING AND TEST EQUIPMENT				6,895			5,629
							5,664
PRODUCTION AND SUPPORT COST				{3,706}			{3,197}
TEST SUPPORT (LOT ACCEPTANCE TEST/QUAL)				1,032			773
PROGRAM MANAGEMENT ADMINISTRATION				2,646			2,392
DATA				28			32
TOTALS:				117,955			85,385
REMARKS: NOTE: To contribute to the contractor's minimum sustainment rate, 300 units were procured in FY99 and the remaining 86 units will be included in the FY00 buy for a total of 300 units. Increase in unit cost in FY00 is a result of quantity dropping below the minimum sustainment rate.							
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BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P- 5A)						DATE: FEBRUARY 2000			
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: SENSOR FUZED WEAPON					
ITEM / FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL
CBU-97/B									
FY99	386	305,583	AFMC/AAC	SS/FPIF (1)	TEXTRON SYS/WILMINGTON, MA	FEB 99	JUN 00		
FY00	214	398,995	AFMC/AAC	SS/FPIF (1)	TEXTRON SYS/WILMINGTON, MA	FEB 00	OCT 01	Y	
FY01	300	357,337	AFMC/AAC	SS/FPIF (1)	TEXTRON SYS/WILMINGTON, MA	FEB 01	JUN 02	Y	
REMARKS: (1) The LRIP/FRP contracts are FPIF which will encourage lower cost and aggressive cost monitoring.									
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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)										DATE: FEBRUARY 2000	
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT					P-1 NOMENCLATURE: JOINT DIRECT ATTACK MUNITION						
			FY1999	FY2000	FY2001	FY2002	FY2003	FY2004	FY2005		
QUANTITY			3,778	8158	9098	8494	8620	8800	8,718		
COST			\$79,548	\$189,700	\$219,848	\$186,194	\$186,391	\$191,092	\$191,001		
Description: Place Holder - Use Expanded P40 Version MS-Word Document											
			P-1 ITEM NO: 23		PAGE NO: 51			Page 1 of 1			

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WEAPON SYSTEM COST ANALYSIS (EXHIBIT P-5)						DATE: FEBRUARY 2000		
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT						P-1 NOMENCLATURE: JOINT DIRECT ATTACK MUNITION		
WEAPON SYSTEM COST ELEMENTS	IDENT CODE	FY1999			FY2000			FY2001
		QTY	UNIT COST	TOTAL COST	QTY	UNIT COST	TOTAL COST	
FLYAWAY COST								
JDAM HARDWARE-RECURRING				{73,258}			{175,245}	{203,014}
AIRFRAME (1 & 2)	A				3,778	19,202	72,545	8,158
ENGINEERING CHANGE ORDERS							169,327	9,098
							21,490	195,516
							4,438	5,623
NONRECURRING								
CONTRACTOR INCENTIVE				713			1480	1,875
SUPPORT COST				{6,290}			{14,455}	{16,834}
TEST EQUIPMENT				877			886	1920
AIRBORNE TEST EQUIPMENT							3,976	4130
DATA				7			8	10
PROGRAM MANAGEMENT/ ADMIN				1625			2,348	2850
SYSTEMS TEST & EVAL							3,496	4119
TRAINING				260			131	
PRODUCTION TECHNICAL SUPPORT				65			3,560	3755
ALTERNATE DISPUTE RESOLUTION				42			50	50
DELIVERY ACCELERATION				3414				
TOTALS:				79,548			189,700	219,848
REMARKS:								
		P-1 ITEM NO: 23	PAGE NO: 52		Page 1 of 2			

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WEAPON SYSTEM COST ANALYSIS (EXHIBIT P- 5)				DATE: FEBRUARY 2000									
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: JOINT DIRECT ATTACK MUNITION									
WEAPON SYSTEM COST ELEMENTS	IDENT CODE				FY1999			FY2000			FY2001		
		QTY	UNIT COST	TOTAL COST	QTY	UNIT COST	TOTAL COST	QTY	UNIT COST	TOTAL COST	QTY	UNIT COST	TOTAL COST
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BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P- 5A)							DATE: FEBRUARY 2000		
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: JOINT DIRECT ATTACK MUNITION					
ITEM / FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL
AIRFRAME (1&2)									
FY99 (1)	1782	19202	AFMC/AAC	SS/FFP	BOEING/ST CHARLES, MO	APR 99	JAN 00		
FY99 (2)	1308	19069	AFMC/AAC	SS/FFP	BOEING/ST CHARLES, MO	JUN 99	SEP 00		
FY99 (3)	688	19676	AFMC/AAC	SS/FFP	BOEING/ST CHARLES, MO	NOV 99	FEB 01		
FY00	8158	20756	AFMC/AAC	SS/FFP	BOEING/ST CHARLES, MO	JAN 00	JUN 01		
FY01	9098	21490	AFMC/AAC	SS/FFP	BOEING/ST CHARLES, MO	JAN 01	JUN 02		
REMARKS: (1) Original FY99 Planned Procurement (2) Funding provided by Congress in FY99 Appropriation Conference Report 106-143, Emergency Supplemental Appropriations Bill (3) Combined Funding Procurement (Includes Emergency Supplemental and FY99 Funding) NOTE: Specifications have been waived due to JDAM'S status as an Acquisition Reform pilot program.									
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PRESIDENT'S BUDGET PRODUCTION SCHEDULE (EXHIBIT P- 21)												DATE: FEBRUARY 2000																			
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT												P-1 NOMENCLATURE: JOINT DIRECT ATTACK MUNITION																			
ITEM/MANUFACTURER/ PROCUREMENT YEAR	SERV.	PROC. QTY.	ACCEP. PRIOR TO 1 OCT.	BAL DUE AS OF 1 OCT.	CALENDAR 1999												CALENDAR 2000														
					FY1999						FY2000						FY2000						FY2000								
					OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	Later		
AIRFRAME (1&2)																															
FY99 BOEING	AF	1782	0	1782																	250	270	120	100	100	186	249	320	187		
FY99 BOEING	AF	1308	0	1308																											
FY98/99 (1) BOEING	AF	861	0	861										C															1195		
FY00 BOEING	AF	8158	0	8158														C											861		
FY01 BOEING	AF	9098	0	9098																									8158		
FY02 BOEING	AF	8494	0	8494																									9098		
FY03 BOEING	AF	8620	0	8620																									8494		
FY04 BOEING	AF	8800	0	8800																									8620		
FY05 BOEING	AF	8718	0	8718																									8800		
TOTALS		55839	0	55839																	250	270	120	100	100	186	249	320	53944		
ITEM/MANUFACTURER/ PROCUREMENT YEAR	SERV.	PROC. QTY.	ACCEP. PRIOR TO 1 OCT.	BAL DUE AS OF 1 OCT.	CALENDAR 2001												CALENDAR 2002														
					FY2001						FY2002						FY2002						FY2002								
					OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	Later		
AIRFRAME (1&2)																															
FY99 BOEING	AF	1782	1782	0																											
FY99 BOEING	AF	1308	113	1195	300	243	300	300	52																						
FY98/99 (1) BOEING	AF	861	0	861																											
FY00 BOEING	AF	8158	0	8158					250	300	311																				
FY01 BOEING	AF	9098	0	9098																											
FY02 BOEING	AF	8494	0	8494																											
FY03 BOEING	AF	8620	0	8620																											
FY04 BOEING	AF	8800	0	8800																											
FY05 BOEING	AF	8718	0	8718																											
TOTALS		55839	1895	53944	300	300	243	300	302	300	311		766	462	460	460	766	730	684	766	766	766	766	469	902	902	902	40555			
MANUFACTURER'S					PRODUCTION RATES					PROCUREMENT LEAD TIME												TOTAL									
NAME AND LOCATION					MIN SUST 1-8-5 MAX					ADMIN LEAD TIME												MANUFACT.									
BOEING, ST CHARLES, MO					283 1083 1400					PRIOR TO 1 OCT AFTER 1 OCT												PLT									
										INITIAL UNK UNK												9 17 26									
										REORDER												9 17 26									

REMARKS:
(1) 173 units were procured with FY98 funding and will be delivered in Feb 01.
NOTE: The above Production Schedule reflects AF deliveries only and does not include additional production quantities programmed for the US Navy.

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PRESIDENT'S BUDGET PRODUCTION SCHEDULE (EXHIBIT P- 21)												DATE: FEBRUARY 2000																	
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT												P-1 NOMENCLATURE: JOINT DIRECT ATTACK MUNITION																	
ITEM/MANUFACTURER/ PROCUREMENT YEAR	SERV.	PROC. QTY.	ACCEP. PRIOR TO 1 OCT.	BAL DUE AS OF 1 OCT.	CALENDAR 2003												CALENDAR 2004												
					FY2003						FY2004						FY2003						FY2004						
					OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	Later
AIRFRAME (1&2)																													
FY99 BOEING	AF	1782	1782	0																									
FY99 BOEING	AF	1308	1308	0																									
FY98/99 (1) BOEING	AF	861	861	0																									
FY00 BOEING	AF	8158	8158	0																									
FY01 BOEING	AF	9098	3175	5923	902	862	836	902	902	902	506	506	507																
FY02 BOEING	AF	8494	0	8494										391	782	782	391	782	742	714	782	782	782	782	782				
FY03 BOEING	AF	8620	0	8620																					452	307	559	628	6674
FY04 BOEING	AF	8800	0	8800																									8800
FY05 BOEING	AF	8718	0	8718																									8718
TOTALS		55839	15284	40555	902	862	836	902	902	902	506	506	507	391	782	782	391	782	742	714	782	782	782	782	452	307	559	628	24192
					CALENDAR 2005												CALENDAR 2006												
ITEM/MANUFACTURER/ PROCUREMENT YEAR	SERV.	PROC. QTY.	ACCEP. PRIOR TO 1 OCT.	BAL DUE AS OF 1 OCT.	FY2005						FY2006						FY2005						FY2006						
					OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	Later
AIRFRAME (1&2)																													
FY99 BOEING	AF	1782	1782	0																									
FY99 BOEING	AF	1308	1308	0																									
FY98/99 (1) BOEING	AF	861	861	0																									
FY00 BOEING	AF	8158	8158	0																									
FY01 BOEING	AF	9098	9098	0																									
FY02 BOEING	AF	8494	8494	0																									
FY03 BOEING	AF	8620	1946	6674	628	590	847	922	922	922	922	921	921																
FY04 BOEING	AF	8800	0	8800										962	962	496	0	676	894	962	962	962	962	962					
FY05 BOEING	AF	8718	0	8718																					702	702	702	5910	
TOTALS		55839	31647	24192	628	590	847	922	922	922	922	921	921	962	962	496		676	894	962	962	962	962	962	702	702	702	5910	
					PRODUCTION RATES												PROCUREMENT LEAD TIME												
MANUFACTURER'S					MIN SUST			1-8-5			MAX			ADMIN LEAD TIME						MANUFACT.						TOTAL			
NAME AND LOCATION					283			1083			1400			PRIOR TO 1 OCT						AFTER 1 OCT						1 OCT			
BOEING, ST CHARLES, MO														INITIAL						9						26			
														REORDER						9						26			

REMARKS:
(1) 173 units were procured with FY98 funding and will be delivered in Feb 01.
NOTE: The above Production Schedule reflects AF deliveries only and does not include additional production quantities programmed for the US Navy.

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PRESIDENT'S BUDGET PRODUCTION SCHEDULE (EXHIBIT P- 21)												DATE: FEBRUARY 2000																			
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT												P-1 NOMENCLATURE: JOINT DIRECT ATTACK MUNITION																			
ITEM/MANUFACTURER/ PROCUREMENT YEAR	SERV.	PROC. QTY.	ACCEP. PRIOR TO 1 OCT.	BAL DUE AS OF 1 OCT.	CALENDAR 2007												CALENDAR 2008														
					FY2007					FY2008																					
					OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	Later		
AIRFRAME (182)																															
FY99 BOEING	AF	1782		1782	0																										
FY99 BOEING	AF	1308		1308	0																										
FY99/99 (1) BOEING	AF	861		861	0																										
FY00 BOEING	AF	8158		8158	0																										
FY01 BOEING	AF	9098		9098	0																										
FY02 BOEING	AF	8494		8494	0																										
FY03 BOEING	AF	8620		8620	0																										
FY04 BOEING	AF	8800		8800	0																										
FY05 BOEING	AF	8718		2808	5910	702	862	894	958	958	512	512	512																		
TOTALS		55839		49929	5910	702	862	894	958	958	512	512	512																		
ITEM/MANUFACTURER/ PROCUREMENT YEAR	SERV.	PROC. QTY.	ACCEP. PRIOR TO 1 OCT.	BAL DUE AS OF 1 OCT.	CALENDAR 2009												CALENDAR 2010														
					FY2009					FY2010																					
					OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	Later		
AIRFRAME (182)																															
FY99 BOEING	AF	1782		1782	0																										
FY99 BOEING	AF	1308		1308	0																										
FY99/99 (1) BOEING	AF	861		861	0																										
FY00 BOEING	AF	8158		8158	0																										
FY01 BOEING	AF	9098		9098	0																										
FY02 BOEING	AF	8494		8494	0																										
FY03 BOEING	AF	8620		8620	0																										
FY04 BOEING	AF	8800		8800	0																										
FY05 BOEING	AF	8718		8718	0																										
TOTALS		55839		5910	0																										
MANUFACTURER'S	PRODUCTION RATES				PROCUREMENT LEAD TIME																										
NAME AND LOCATION	MIN SUST	1-8-5	MAX		ADMIN LEAD TIME												MANUFACT.												TOTAL		
BOEING, ST CHARLES, MO	283	1083	1400		PRIOR TO 1 OCT												AFTER 1 OCT												PLT	1 OCT	
					INITIAL												UNK												9	17	26
					REORDER												UNK												9	17	26
REMARKS:																															
(1) 173 units were procured with FY98 funding and will be delivered in Feb 01.																															
NOTE: The above Production Schedule reflects AF deliveries only and does not include additional production quantities programmed for the US Navy.																															

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)						DATE: FEBRUARY 2000	
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT			P-1 NOMENCLATURE: WIND CORRECTED MUNITIONS DISPENSER				
		FY1999	FY2000	FY2001	FY2002	FY2003	FY2004
QUANTITY		676	2,990	6,308	6,838	7,830	7,785
COST (in Thousands)		\$14,943	\$48,624	\$104,046	\$111,264	\$80,785	\$80,508
							FY2005 6,849
							\$72,421

Description:

1. The Wind Corrected Munitions Dispenser (WCMD) guidance kit will provide inertial navigation to correct for launch transients and ballistic errors caused by wind when these munitions are released from medium to high altitudes. The WCMD kit fitted weapons will improve effectiveness of both bombers and fighters and significantly contribute to Air Force war fighting capabilities in two nearly simultaneous Major Theater Wars (MTW). The pilot production Engineering and Manufacturing Development (EMD) contract awarded to Lockheed-Martin includes options for two Low Rate Initial Production (LRIP) and a production price commitment agreement for full rate production. The first LRIP option was exercised in August 1998. The second LRIP option was exercised in July 1999. An LRIP III buy is planned for March 2000.
2. Seek Eagle funds are included in FY98 (\$4,012) and FY04 (\$134), for a total buy of 282 units. The ongoing RDT&E effort is funded under PE 64600F, which develops an inertial guidance tail kit for the CBU-87, CBU-89, and the CBU-97 dispenser.
3. Note: Expendable test units not included in above quantities: 20 in FY99, 25 in FY00, and 21 in each year from FY01-FY05.

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WEAPON SYSTEM COST ANALYSIS (EXHIBIT P- 5)				DATE: FEBRUARY 2000						
APPRO CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT		P-1 NOMENCLATURE: WIND CORRECTED MUNITIONS DISPENSER								
WEAPON SYSTEM COST ELEMENTS	IDENT CODE	FY1999			FY2000			FY2001		
		QTY	UNIT COST	TOTAL COST	QTY	UNIT COST	TOTAL COST	QTY	UNIT COST	TOTAL COST
HARDWARE				{9,179}			{42,105}			{88,665}
WCMD KITS	A		676	13,306	8,995	2,990	13,956	6,308	13,900	87,682
ECO				184			376			983
PRODUCTION SUPPORT										
DATA				{5,764}			{6,411}			{14,722}
SYSTEM TEST				4			3			3
PROGRAM MANAGEMENT ADMINISTRATION				882			1,625			2,742
OTHER COSTS (1)				928			2,560			4,448
				3,950			2,223			7,529
NONRECURRING HARDWARE				0			108			659
TOTALS:				14,943			48,624			104,046
REMARKS: (1) Common munitions bit reprogrammable equipment (CMBRE), load trainers, Air Force Mission Support System (AFMSS) field installation.										

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BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P- 5A)						DATE: FEBRUARY 2000			
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT			P-1 NOMENCLATURE: WIND CORRECTED MUNITIONS DISPENSER						
ITEM / FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL
WCMD KITS									
FY99 (1)	676	22,105	AFMC/AAC	OPT/FFP	LOCKHEED-MARTIN/ORLANDO, FL	JUL 99	JUL 00		
FY00 (2)	2,990	16,262	AFMC/AAC	OPT/FFP	LOCKHEED-MARTIN/ORLANDO, FL	MAR 00	JAN 01	Y	
FY01 (2)	6,308	16,494	AFMC/AAC	OPT/FFP	LOCKHEED-MARTIN/ORLANDO, FL	JAN 01	DEC 01	Y	
REMARKS: (1) FY99 option is to the Engineering and Manufacturing Development contract. (2) The government and Lockheed-Martin have a price commitment agreement as long as the government stays within the quantity band and maintains a total buy of 40,000 units.									
P-1 ITEM NO: 24			PAGE NO: 60		Page 1 of 1				

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)						DATE: FEBRUARY 2000	
APPROP CODE/BA:				P-1 NOMENCLATURE:			
PAAF/MUNITIONS & RELATED EQUIPMENT				SPARES AND REPAIR PARTS			
		FY1999	FY2000	FY2001	FY2002	FY2003	FY2004
QUANTITY							
COST (in Thousands)		\$1,967	\$2,292	\$2,431	\$2,200	\$2,471	\$2,445
							\$2,494
<p>Description:</p> <p>1. This P-1 line funds spares and repair parts for Procurement of Ammunition, Air Force (PAAF) items. Initial spares consist of reparable components, assemblies and subassemblies, as well as consumable items required in support of newly fielded end items. Requirements are based on historical failure/demand data on similar items. Replenishment spares consist of reparable components, assemblies and subassemblies required for follow-on sustainment of end items. Munitions replenishment spare levels are based on item specific failure/demand driven computations.</p> <p>2. Items requested in FY01 are identified on the following P-40A and are representative of items to be procured. Items procured during execution may change based on the most critical munitions/equipment needed to support Air Force mission requirements.</p>							
P-1 ITEM NO:		32		PAGE NO:		61	
						Page 1 of 1	

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BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P- 40A)					DATE: FEBRUARY 2000		
APPROX CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT			P-1 NOMENCLATURE: SPARES AND REPAIR PARTS				
PROCUREMENT ITEMS	ID CODE	QTY.	COST	FY1999		FY2000	
				QTY.	COST	QTY.	COST
INITIAL SPARES							
MISC. LOW COST INITIAL SPARES (P-1 LINE # N/A)	A				\$0		\$(141}
					\$0		\$141
REPLENISHMENT SPARES							
GBU-15 (P-1 LINE # 13 & 17)	A				\$(1,967}		\$(2,151}
OTHER MISCELLANEOUS ITEMS (P-1 LINE # 33)	A				\$703		\$665
GBU-24/27 (P-1 LINE # N/A)	A				\$97		\$234
BOMBS (P-1 LINE # 12 & 13)	A				\$268		\$107
TTU-373A DIGITAL TEST SET (P-1 LINE # 33)	A				\$899		\$694
					\$0		\$451
Totals:					\$1,967		\$2,292
Remarks:							

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)							DATE: FEBRUARY 2000		
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: MODIFICATIONS LESS THAN \$5 MILLION					
			FY1999	FY2000	FY2001	FY2002	FY2003	FY2004	FY2005
QUANTITY									
COST (in Thousands)			\$49	\$620	\$196	\$210	\$203	\$195	\$215
Description: Permanent modifications consist of configuration changes to in-service systems and equipment which correct material/other deficiencies or add/delete capability. Safety modifications correct deficiencies which may create personnel, system or equipment hazards. This budget line encompasses both new and on-going modification efforts for guided bomb and munitions systems. The FY01 funding request reflects estimated costs based on historical funding requirements.									
P-1 ITEM NO: 33			PAGE NO: 63			Page 1 of 1			

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)						DATE: FEBRUARY 2000		
APPROP CODE/BA:			P-1 NOMENCLATURE:					
PAAF/MUNITIONS & RELATED EQUIPMENT			ITEMS LESS THAN \$5,000,000, OTHER ITEMS					
		FY1999	FY2000	FY2001	FY2002	FY2003	FY2004	FY2005
QUANTITY								
COST (in Thousands)		\$8,771	\$6,528	\$7,806	\$8,160	\$8,326	\$7,644	\$7,786
Description: This category includes various munitions items to support Air Base Defense, Air Rescue, Explosive Ordnance Disposal (EOD), and aircrew/ground training. All items have an annual procurement value of less than \$5 million and are code A. Items requested in FY01 are identified on the following P-40A and are representative of items to be procured. Items procured during execution may change based on the most critical equipment needed to support Air Force mission requirements.								
P-1 ITEM NO: 34			PAGE NO: 64			Page 1 of 1		

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BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P- 40A-IL)				DATE: FEBRUARY 2000	
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT		P-1 NOMENCLATURE: ITEMS LESS THAN \$5,000,000, OTHER ITEMS			
PROCUREMENT ITEMS	NSN	FY2001			
		QTY.	COST	QTY.	COST
CHARGE, DEMO M112 (M023)				159,850	\$2,345
DYNAMITE, AMMONIA (MN32)				398	\$1
WATER GEL EXPLOSIVE (MY77)				714	\$1
ANDROS ROBOT				5	\$625
MK 1 WRENCH, EOD				12	\$84
DETA SHEET EXPLOSIVE (M980)				68	\$25
DISRUPTOR, LIGHT WEIGHT (YY32)				2,315	\$180
MAIN CHARGE DISRUPTOR (YY33)				663	\$70
SHOCK TUBE (YY34)				850	\$44
SQUIB (YY35)				6,504	\$24
RELOADER, SMOKELESS POWDER (ZY10)				227	\$4
BLAST MACHINE				200	\$81
DETONATION CORD (MU41)				46,154	\$12
NUCLEAR TRAINER				21	\$2,700
CODE MANAGEMENT SYSTEM				7	\$231
MUNITIONS ASSEMBLY CONVEYOR				1	\$72
AN/GJM-65 TEST SET (GBU-15)				1	\$957
TTU-373 DIGITAL TEST SET				1	\$350
TOTALS:					\$7,806
P-1 ITEM NO: 34		PAGE NO: 65		Page 1 of 1	

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)						DATE: FEBRUARY 2000	
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: FLARES (OVERVIEW)			
		FY1999	FY2000	FY2001	FY2002	FY2003	FY2004
QUANTITY							
COST (in Thousands)		\$37,445	\$26,635	\$37,432	\$55,040	\$46,372	\$51,915
Description: <ol style="list-style-type: none"> Flares are dispensed from a variety of aircraft to either protect the aircraft by decoying enemy heat-seeking missiles or as an illumination source for reconnaissance, target marking, emergency night landings, or search and rescue. FY 99 funding was included in ASTE (P-1 Line number 26), Flare, IR MJU-7B (P-1 Line number 27), MJU-10B (P-1 Line number 28), M-206 Cartridge Flare (P-1 Line number 29), and LUU-19 Flare (P-1 Line number 31). Items requested in FY01 are identified on the following P-40A and are representative of items to be procured. Items procured during execution may change based on the most critical munitions/equipment needed to support Air Force Mission requirements. 							
P-1 ITEM NO: 35		PAGE NO: 66		Page 1 of 1			

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BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P- 40A)										DATE: FEBRUARY 2000	
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT					P-1 NOMENCLATURE: FLARES (OVERVIEW)						
PROCUREMENT ITEMS		ID CODE	QTY.	COST	FY1999		FY2000		FY2001		
					QTY.	COST	QTY.	COST	QTY.	COST	
M206 CARTRIDGE FLARE (L410)	(1)	A			899,005	\$11,340	410,633	\$5,015			
LUU-2B FLARE (L440)		A			524	\$312	3,755	\$2,240	18,347	\$10,966	
MJU-10/B FLARE (L461)	(1)	A			199,877	\$10,291	134,228	\$6,241			
MJU-7B IR FLARE (L463)	(1)	A			256,742	\$6,666	123,829	\$2,500			
LUU-19 FLARE (LA05)		A			3,050	\$4,301	856	\$1,194	5,496	\$7,642	
ITEMS LESS THAN \$5 MILLION						\$4,535		\$9,445		\$18,824	
Totals:						\$37,445		\$26,635		\$37,432	
Remarks: (1) FY01 funding is included in Items Less Than \$5 Million.											

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)				DATE: FEBRUARY 2000			
APPROP CODE/BA:		P-1 NOMENCLATURE:					
PAAF/MUNITIONS & RELATED EQUIPMENT		FLARES (LUU-2B FLARE - L440)					
		FY1999	FY2000	FY2001	FY2002	FY2003	FY2004
QUANTITY							
COST (in Thousands)		\$312	\$2,240	\$10,966	\$10,000	\$5,000	\$6,000
							\$6,000
Description: <ol style="list-style-type: none"> 1. The LUU-2B aircraft parachute flare provides illumination for reconnaissance, bombardment, emergency night landings and search and rescue. High-speed aircraft launch flares through use of an SUU-25 flare dispenser. These flares may also be launched from a C-130 aircraft LAU-74 cargo door launcher, hand launched, or launched from an aircraft utilizing static line ignition. Flares float to ground via an 18-foot diameter cruciform parachute, may be set to activate at altitudes from 500 to 11,000 feet, and free fall prior to activation. The flare candle burns for approximately 4.5 minutes at an illumination level of 2 million candlepower. 2. This item is procured through the Single Manager for Conventional Ammunition (SMCA). 3. These items are representative of items to be procured. Items actually procured during execution may change based on the most critical munitions needed to support Air Force mission requirements. 							
P-1 ITEM NO: 35				PAGE NO: 68		Page 1 of 1	

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WEAPON SYSTEM COST ANALYSIS (EXHIBIT P- 5)						DATE: FEBRUARY 2000								
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT			P-1 NOMENCLATURE: FLARES (LUU-2B FLARE - L440)											
WEAPON SYSTEM COST ELEMENTS	IDENT CODE	FY1999			FY2000			FY2001						
		QTY	UNIT COST	TOTAL COST	QTY	UNIT COST	TOTAL COST	QTY	UNIT COST	TOTAL COST				
LUU-2B						{303}				{2,197}				{10,805}
LOAD, ASSEMBLE AND PACK (LAP)	A				524	579.10	303	3,755	584.99	2,197	18,347	588.91		10,805
PRODUCTION SUPPORT						{9}				{43}				{161}
QUALITY ASSURANCE						2				11				5
INTERIM TRANSPORTATION						0				0				0
INDUSTRIAL STOCK SUPPORT						7				32				156
TOTALS:						312				2,240				10,966
REMARKS:														

P-1 ITEM NO: 35	PAGE NO: 69	Page 1 of 1
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BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P- 5A)						DATE: FEBRUARY 2000			
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT			P-1 NOMENCLATURE: FLARES (LUU-2B FLARE - L440)						
ITEM / FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL
LOAD, ASSEMBLE AND PACK (LAP)									
FY99	524	595.42	AFMC/OO-ALC	C/FP	UNKNOWN	FEB 00	JUN 01	Y	
FY00	3,755	596.54	AFMC/OO-ALC	C/FP	UNKNOWN	AUG 00	DEC 01	Y	
FY01	18,347	597.70	AFMC/OO-ALC	C/FP	UNKNOWN	MAR 01	JUL 02	Y	
REMARKS:									
P-1 ITEM NO: 35			PAGE NO: 70		Page 1 of 1				

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)		DATE: FEBRUARY 2000						
APPROP CODE/BA:		P-1 NOMENCLATURE:						
PAAF/MUNITIONS & RELATED EQUIPMENT		FLARES (LUU-19 FLARE - LA05)						
		FY1999	FY2000	FY2001	FY2002	FY2003	FY2004	FY2005
QUANTITY								
COST (in Thousands)		\$4,301	\$1,194	\$7,642	\$16,000	\$8,000	\$5,000	\$1,000
<p>Description:</p> <p>1. The LUU-19 aircraft parachute flare is an aircraft launched illuminating device used for reconnaissance, bombardment, emergency night landings or search and rescue. These flares are classified according to use, illumination, and burn time. High speed aircraft launch flares through use of an SUU-25 flare dispenser. These flares may also be launched from C-130 aircraft using an LAU-74 cargo door launcher, hand launched or launched from aircraft utilizing static line ignition. Flares float to ground via an 18-foot diameter cruciform parachute, may be set to activate from 500 to 11,000 feet, and free fall prior to activation. The flare candle burns for approximately 300 seconds at an illumination level of 100-watts per steradian in the near infrared spectrum. Items requested in FY01 are identified on the following P-5 and are representative of items to be procured. Items procured during execution may change based on the most critical munitions/equipment needed to support Air Force mission requirements.</p> <p>2. This item is centrally procured by the Air Force.</p>								
P-1 ITEM NO: 35		PAGE NO: 71			Page 1 of 1			

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WEAPON SYSTEM COST ANALYSIS (EXHIBIT P- 5)										DATE: FEBRUARY 2000				
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT										P-1 NOMENCLATURE: FLARES (LUU-19 FLARE - LA05)				
WEAPON SYSTEM COST ELEMENTS	IDENT CODE				FY1999			FY2000			FY2001			
		QTY	UNIT COST	TOTAL COST	QTY	UNIT COST	TOTAL COST	QTY	UNIT COST	TOTAL COST	QTY	UNIT COST	TOTAL COST	
HARDWARE														
LUU-19/B FLARE	A				3,050	1,409.77	4,301	856	1,394.85	1,194	5,496	1,390.46	7,642	7,642
TOTALS:							4,301			1,194			7,642	7,642
REMARKS:														
		P-1 ITEM NO: 35			PAGE NO: 72						Page 1 of 1			

REMARKS:

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BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P-5A)							DATE: FEBRUARY 2000		
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: FLARES (LUU-19 FLARE - LA05)					
ITEM / FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL
LUU-19/B FLARE									
FY99	3,050	1,409.77	AFMC/OO-ALC	C/FP	THIOL CORP, BRIGHAM CITY, UT	AUG 99	APR 00		
FY00	856	1,394.85	AFMC/OO-ALC	C/FP	UNKNOWN	MAR 00	NOV 00	Y	
FY01	5,496	1,390.46	AFMC/OO-ALC	C/FP	UNKNOWN	MAR 01	NOV 01	Y	
REMARKS: Thiokol currently holds the proprietary data on the LUU-19/B.									
P-1 ITEM NO: 35				PAGE NO: 73		Page 1 of 1			

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)						DATE: FEBRUARY 2000			
APPROP CODE/BA:			P-1 NOMENCLATURE:						
PAAF/MUNITIONS & RELATED EQUIPMENT			FLARES (ITEMS LESS THAN \$5 MILLION)						
			FY1999	FY2000	FY2001	FY2002	FY2003	FY2004	FY2005
QUANTITY									
COST (in Thousands)			\$4,535	\$9,445	\$18,824	\$14,162	\$13,240	\$17,096	\$17,504
Description: All listed items on the following P-40A have an annual procurement value of less than \$5,000,000 and are Code A, except the F-22 (PE - 27219) and ASTE (PE - 64270) programs which are in the research and development phase and are Code B. Items requested in FY01 are identified on the following P40A and are representative of items to be procured. Items procured during execution may change based on the most critical munitions/equipment needed to support air force mission requirements. This category includes funding for the M-206 cartridge flare, MJU-10/B flare, MJU-7B infrared countermeasures flare, MJU-23 infrared countermeasures flare, LUU-1 aircraft parachute flare, Advanced Strategic and Tactical Expendable (ASTE) flare, SUU-25 flare dispenser adapter kit, and F-22 countermeasure flare.									
P-1 ITEM NO: 35			PAGE NO: 74			Page 1 of 1			

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BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P- 40A-IL)				DATE: FEBRUARY 2000	
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT		P-1 NOMENCLATURE: FLARES (ITEMS LESS THAN \$5 MILLION)			
PROCUREMENT ITEMS	NSN	FY2001			COST
		QTY.	COST	QTY.	
M206 CARTRIDGE FLARE (L410)				205,114	\$2,845
MJU-10/B FLARE (L461)				50,363	\$3,700
MJU-7B IR FLARE (L463)				83,124	\$1,833
MJU-23 FLARE (L462)				5,100	\$2,500
LUU-1 (L660)				341	\$347
ASTE FLARE					\$4,828
SUU-25 FLARE DISPENSOR ADAPTOR KIT (LY15)				8,489	\$50
F-22 FLARES					\$2,721
TOTALS:					\$18,824
		PAGE NO: 75		Page 1 of 1	

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)										DATE: FEBRUARY 2000	
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT					P-1 NOMENCLATURE: JOINT PROGRAMMABLE FUZE						
			FY1999	FY2000	FY2001	FY2002	FY2003	FY2004	FY2005		
QUANTITY			4,373	628	3,271	3,963	14,278	13,128	11,898		
COST (in Thousands)			\$11,486	\$1,997	\$9,342	\$10,643	\$29,405	\$26,621	\$25,312		
<p>Description:</p> <p>1. FY00 funding for the Joint Programmable Fuze (JPF) is included in P-1 Line 13, General Purpose Bombs in Future Years Defense Plan documentation.</p> <p>2. The FMU-152/B JPF is a Joint AF/Navy multi-function unitary fuze being developed and procured for the Joint Direct Attack Munition (JDAM) and other conventional inventory weapons. The FMU-152/B will provide a highly reliable bomb fuze with multiple arm times, instantaneous and multiple short and long delay detonation times, hard target survivability, cockpit programmability, and increased service/shelf life. The JPF provides backward compatibility for MK-80 series guided and unguided bombs. It will replace or supplement different inventory fuzes such as the FMU-139, FMU-143, FMU-124, and M904/M905, and provide the next generation of fuzing capability for hard target, general purpose and guided bombs.</p>											
P-1 ITEM NO: 36					PAGE NO: 76			Page 1 of 1			

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WEAPON SYSTEM COST ANALYSIS (EXHIBIT P- 5)						DATE: FEBRUARY 2000				
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT			P-1 NOMENCLATURE: JOINT PROGRAMMABLE FUZE							
WEAPON SYSTEM COST ELEMENTS	IDENT CODE	FY1999			FY2000			FY2001		
		QTY	UNIT COST	TOTAL COST	QTY	UNIT COST	TOTAL COST	QTY	UNIT COST	TOTAL COST
HARDWARE				{9,201}						{7,710}
FMU-152/B FUZE	A			9,201	4,373	2,104.02	628	2,468.18	3,271	2,357.01
										7,710
PRODUCTION SUPPORT				{2,197}						{1,344}
ECO/ECP				501						401
SYSTEM ENGINEERING/PROGRAM MANAGEMENT				290						223
DATA				6						6
CONTRACTOR SUPPORT				800						714
FIRST ARTICLE ACCEPTANCE TEST				600						0
NONRECURRING				0						{200}
TOOLING/TEST EQUIPMENT				0						100
LIFE CYCLE TEST SET				0						100
GOV'T FURNISHED MATERIAL - CONTAINERS				88						88
TOTALS:				11,486						9,342
REMARKS:										

P-1 ITEM NO: 36	PAGE NO: 77	Page 1 of 1
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BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P- 5A)							DATE: FEBRUARY 2000		
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT			P-1 NOMENCLATURE: JOINT PROGRAMMABLE FUZE						
ITEM / FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL
FMU-152/B FUZE									
FY99	4,373	2,626.57	AFMC/ASC	OPT/FFP	DAYRON/ORLANDO, FL	JUN 99	JUN 00		
FY00	628	3,179.94	AFMC/ASC	OPT/FFP	DAYRON/ORLANDO, FL	JUN 00	JUN 01	Y	
FY01	3,271	2,856.01	AFMC/ASC	OPT/FFP	DAYRON/ORLANDO, FL	JUN 01	JUN 02	Y	
REMARKS: 1. Unit cost reflects hardware price only. 2. The basic contract was awarded to Dayron, Orlando, FL on 19 Jun 98 for first article acceptance test and low rate initial production (LRIP). The contract includes firm fixed price options for FY99-03 and additional options for FY04-07 under a production price commitment curve.									
P-1 ITEM NO: 36			PAGE NO: 78			Page 1 of 1			

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)						DATE: FEBRUARY 2000	
APPROP CODE/BA:				P-1 NOMENCLATURE:			
PAAF/MUNITIONS & RELATED EQUIPMENT				SMALL ARMS			
		FY1999	FY2000	FY2001	FY2002	FY2003	FY2004
QUANTITY							
COST (in Thousands)		\$5,481	\$3,422	\$4,074	\$10	\$10	\$10
<p>Description:</p> <p>1. FY99 funding was appropriated in M-16 A2 Rifle (P-1 line number 38), 9MM Compact Pistol (P-1 line number 39), M-9 Pistol (P-1 line number 40), and Items Less Than \$5M, Small Arms (P-1 line number 41). This small arms line encompasses small-caliber hand-fired weaponry (pistols or rifles) used to support air base ground defense, aircrew protection, Office of Special Investigation operations, security functions, and other activities requiring small portable firearms.</p> <p>2. The items less than \$5 million category consists of various items used for air base defense and ground crew training, including the modification kits and accessories needed to improve or maintain existing weapons. Items requested in FY01 are identified on the accompanying P-40As and are representative of items to be procured. Items actually procured during execution may change based on the most critical munitions/equipment needed to support current Air Force mission requirements.</p>							
P-1 ITEM NO: 37				PAGE NO: 79		Page 1 of 1	

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BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P- 40A)										DATE: FEBRUARY 2000	
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT					P-1 NOMENCLATURE: SMALL ARMS						
PROCUREMENT ITEMS	ID CODE	FY1999		FY2000		FY2001		QTY.	COST	QTY.	COST
		QTY.	COST	QTY.	COST	QTY.	COST				
ITEMS LESS THAN \$5M	A								\$3,422		\$4,074
Totals:									\$3,422		\$4,074
Remarks:											
P-1 ITEM NO: 37		PAGE NO: 80		Page 1 of 1							

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